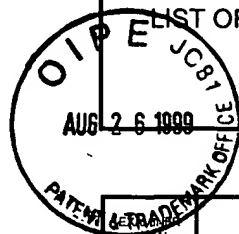


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LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Levy, S.B. and Nelson, M.L.	
		FILING DATE January 22, 1999	GROUP



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INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BB	A1	2,971,007	02/61	Cheney and Gottstein	260	335	
	A2	3,028,409	4/62	Stephens, Jr.	260	456	
	A3	3,029,284	04/62	Gordon	260	559	
	A4	3,104,240	09/63	Cheney et al.	260	247.2	
	A5	3,109,007	10/63	Blackwood et al.	260	346.2	
	A6	3,200,149	08/65	Blackwood et al.	260	559	
	A7	3,226,436	12/65	Petisi and Boothe	260	559	
	A8	3,228,962	01/66	McGregor and Cheney	260	326.3	
	A9	3,239,499	03/66	Rennhard and Stephens, Jr.	260	192	
BB	A10	3,247,250	04/66	Tamorria	260	559	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
BB	A11	DE 2128432	12/71	Germany				
	A12	CA 969930	06/75	Canada				
	A13	GB 1469384	04/77	United Kingdom				
	A14	WO 84/01895	05/84	PCT				
	A15	EP 435362	04/93	EPO				
	A16	EP 536515	04/93	EPO				
	A17	EP 618190	10/94	EPO				
BB	A18	WO 95/22529	08/95	PCT				

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

BB	A19	BAKHTIAR, M and S. SELWYN "Comparative Studies on the Bactericidal Activities of Tetracyclines, Chloramphenicol, and Other 'Bacteriostatic' Antibiotics" <i>Curr. Chemother. Immunother., Proc. Int. Congr. Chemother., 12th</i> , Periti, Piero; Gialdroni Grassi, Giuliana (Eds.), Am. Soc. Microbiol., Washington, D.C., Volume 1:76-77 (1982);
	A20	BALL, P.R. et al. "Plasmid-mediated Tetracycline Resistance in Escherichia Coli Involves Increased Efflux of the Antibiotic" <i>Biochem. Biophys. Res. Comm.</i> 93:74-81 (March 13, 1980);
	A21	BARDEN, T.C. et al. "Glycylcyclines". 3. 9-Aminodoxycyclinecarboxamides" <i>J. Med. Chem.</i> 37:3205-3211 (1994);
BB	A22	BERGERON, J. et al. "Glycylcyclines Bind to the High-Affinity Tetracycline Ribosomal Binding Site and Evade Tet(M)- and Tet(O)-Mediated Ribosomal Protection" <i>Antimicrobial Agents and Chemotherapy</i> 40(9):2226-2228 (Sept. 1996);
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APPLICANT FACSIMILE OF FORM PTO-1449

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BP	B1	3,275,652	09/66	Martell, Jr. et al.	260	326	
	B2	Re. 26,253	08/67	Petisi and Boothe	260	559	
	B3	3,338,963 ✓	08/67	Petisi and Boothe	260	559	
	B4	3,341,585 ✓	09/67	Bitha et al.	260	559	
	B5	3,345,410	10/67	Winterbottom and Kissman	260	559	
	B6	3,360,557 ✓	12/67	Shu	260	559	
	B7	3,360,561 ✓	12/67	Zambrano	260	559	
	B8	3,373,196	03/68	Bitha and Hlavka	260	559	
	B9	3,388,162	06/68	Winterbottom and Kissman	260	559	
BP	B10	3,397,230	08/68	Winterbottom and Kissman	260	559	

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BP	B11	BERNARDI, L. et al "Tetracycline Derivatives: I - Esters of 5-Oxytetracyclines: Chemistry and Biological Activity" <i>Il Farmaco - Ed. Sc.</i> 29(12):902-909 (1974);
	B12	BERNARDI, L. et al "Tetracycline Derivatives: Note II - A Practical Synthesis of Minocycline" <i>Il Farmaco - Ed. Sc.</i> 30(9):736-741 (1975);
	B13	BERNARDI, L. et al. "Tetracycline Derivatives: Note III - 7- and 9-methyltetracyclines: Synthesis and Biological Activity" <i>Il Farmaco - Ed. Sc.</i> 30(12):1025-1030 (1975);
	B14	BURDETT, V. "Streptococcal Tetracycline Resistance Mediated at the Level of Protein Synthesis" <i>Journal of Bacteriology</i> 165:564-569 (Feb. 1986);
	B15	CHOPRA, I. et al. "The Tetracyclines: Prospects at the Beginning of the 1980's" <i>Journal of Antimicrobial Chemotherapy</i> 8:5-21 (1981);
	B16	COMISSO, G. et al. "Synthesis, Conformational Studies and Enantioselective Homogeneous Catalytic Hydrogenation with CRC-PHOS, and Some Congeners" <i>Croatica Chemica Acta</i> 54(3):375-395 (1981);
	B17	CURIALE, M.S. and LEVY, S.B. "Two Complementation Groups Mediate Tetracycline Resistance Determined by <i>Tn10</i> " <i>Journal of Bacteriology</i> 151(1):209-215 (July 1982);
	B18	CURIALE, M.S. et al. "Intracistronic Complementation of the Tetracycline Resistance Membrane Protein of <i>Tn10</i> " <i>Journal of Bacteriology</i> 157(1):211-217 (Jan. 1984);
BP	B19	CURTIS, R.D. and R.E. WASYLISHEN "A Nitrogen-15 Nuclear Magnetic Resonance Study of the Tetracycline Antibiotics" <i>Can. J. Chem.</i> 69:834-838 (1991);

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BB	C1	3,518,306	06/70	Martell and Ross	260	559	
	C2	3,532,791	10/70	Johnston	424	227	
	C3	3,634,500	01/72	McCormick and Arnold	260	517	
	C4	3,636,081	01/72	McCormick and Arnold	260	473R	
	C5	3,835,190	09/74	Lazareva et al.	260	559	
	C6	3,863,009	01/75	Johnston	424	227	
	C7	3,901,942	08/75	Bernardi et al.	260	559	
	C8	3,907,889	09/75	Inaba et al.	260	559	
	C9	3,981,999	09/76	Shimizu et al.	424	251	
BB	C10	4,207,258	06/80	Broggi et al.	260	559	

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BB	C11	EDLIND, T.D. "Tetracyclines as Antiparasitic Agents: Lipophilic Derivatives Are Highly Active against <i>Giardia lamblia</i> In Vitro" <i>Antimicrobial Agents and Chemotherapy</i> 33(12):2144-2145 (Dec. 1989);
	C12	JELJASZEWICZ, J. "Medical Uses of Tetracyclines" <i>New Trends in Antibiotics: Research and Therapy - Proceedings of the International Symposium on New Trends in Antibiotics: Research and Therapy held in Milan, Italy, October 29-31, 1980.</i> G. Gialdroni Grassi and L.D. Sabath, eds.; Elsevier/North-Holland Biomedical Press, Amsterdam - New York - Oxford, pp. 45-55 (1981);
	C13	KATIIYAR, S.K. and T.D. EDLIND "Enhanced Antiparasitic Activity of Lipophilic Tetracyclines: Role of Uptake" <i>Antimicrobial Agents and Chemotherapy</i> 35(11):2198-2202 (Nov. 1991);
	C14	KIRCHLECHNER, R. and W. ROGALSKI "Synthesis of 6-Thiatetracycline, a Highly Active Analogue of the Antibiotic Tetracycline" <i>Tetrahedron Letters</i> 21:247-250 (1980);
	C15	LEVY, S.B. "Evolution and Spread of Tetracycline Resistance Determinants" <i>Journal of Antimicrobial Chemotherapy</i> 24:1-3 (1989);
	C16	LEVY, S.B. "Resistance to the Tetracyclines" <i>Antimicrobial Drug Resistance</i> (Bryan, L.E., ed.), Academic Press; Orlando, Florida, 1984, pp. 191-204;
	C17	LEVY, S.B. "The Tetracyclines: Microbial Sensitivity and Resistance" <i>New Trends in Antibiotics: Research and Therapy.</i> G. Gialdroni Grassi and L.D. Sabath, eds.; Elsevier/North-Holland Biomedical Press pp. 27-44 (1981);
BB	C18	LEVY, S.B. "Tetracycline Resistance Determinants Are Widespread" <i>ASM News</i> 54(8):418-421 (1988);

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BB	D1	4,229,582	10/80	Kirchlechner	549	25	
	D2	4,293,539	10/81	Ludwig et al.	424	19	
	D3	4,439,433	03/84	Heymes et al.	424	246	
	D4	4,806,529	02/89	Levy	514	154	
	D5	5,021,407	06/91	Levy	514	154	
	D6	5,064,821	11/91	Levy	514	154	
	D7	5,258,372	11/93	Levy	514	154	
	D8	5,326,759	07/94	Hlavka et al.	514	227.5	
	D9	5,328,902	07/94	Sum et al.	514	152	
	D10	5,589,470	12/96	Levy	514	154	
BB	D11	5,834,450	11/98	Su	514	152	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

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BB	D12	LEVY, S.B. and MCMURRY, L. "Detection of an Inducible Membrane Protein Associated with R-Factor-Mediated Tetracycline Resistance" <i>Biochemical and Biophysical Research Communications</i> 56(4):1060-1068 (1974);
	D13	MALCOM, A.D.B. "The Decline and Fall of Protein Chemistry?" <i>Nature</i> 275(14):90-92 (Sept. 1978);
	D14	MARTELL JR., M.J. et al. "The 6-Deoxytetracyclines. IX. Imidomethylation" <i>J. Med. Chem.</i> 10:359-363 (May 1967);
	D15	MCMURRY, L. et al. "Active Efflux of Tetracycline Encoded by Four Genetically Different Tetracycline Resistance Determinants in <i>Eschericia coli</i> " <i>Proc. Natl. Acad. Sci. U.S.A.</i> 77(7):3974-3977 (July 1980);
	D16	MCMURRY, L. and LEVY, S.B. "Two Transport Systems for Tetracycline in Sensistive <i>Escherichia coli</i> : Critical Role for an Initial Rapid Uptake System Insensitive to Energy Inhibitors" <i>Antimicrobial Agents and Chemotherapy</i> 114(2):201-209 (Aug. 1978);
	D17	MENDEZ, B. et al. "Heterogeneity of Tetracycline Resistance Determinants" <i>Plasmid</i> 3:99-108 (1980);
BB	D18	NELSON, M.L. et al. "Molecular Requirements for the Inhibition of the Tetracycline Antiport Protein and the Effect of Potent Inhibitors on the Growth of Tetracycline-Resistant Bacteria" <i>J. Med. Chem.</i> 37:1355-1361 (1994);

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BB	E1	OLIVA, B. et al. "Evidence that Tetracycline Analogs Whose Primary Target Is Not the Bacterial Ribosome Cause Lysis of <i>Escherichia coli</i> " <i>Antimicrobial Agents and Chemotherapy</i> 36(5):913-919 (May 1992);
	E2	OLIVA, B. and I. CHOPRA "Tet Determinants Provide Poor Protection against Some Tetracyclines: Further Evidence for Division of Tetracyclines into Two Classes" <i>Antimicrobial Agents and Chemotherapy</i> 36(4):876-878 (Apr. 1992);
	E3	PREWO, R. et al. "Chemical-Structural Properties of Tetracycline Derivatives. 10. The 6-Thiatetracyclines" <i>J. Am. Chem. Soc.</i> 102:7021-7026 (1980);
	E4	PREWO, R. and J.J. STEZOWSKI "The Crystal and Molecular Structure of Nonionized 6-Thiatetracycline Free Base" <i>Tetrahedron Letters</i> 21:251-254 (1980);
	E5	RASMUSSEN, B. et al. "Molecular Basis of Tetracycline Action: Identification of Analogs Whose Primary Target Is Not the Bacterial Ribosome" <i>Antimicrobial Agents and Chemotherapy</i> 35(11):2306-2311 (Nov. 1991);
	E6	RUSSELL, A.D. and I. AHONKHAI "Antibacterial Activity of a New Thiatetracycline Antibiotic, Thiacycline, in Comparison with Tetracycline, Doxycycline, and Minocycline" <i>Journal of Antimicrobial Chemotherapy</i> 9:445-449 (1982);
	E7	VALCAVI, U. "Tetracyclines: Chemical Aspects and Some Structure-Activity Relationships" <i>New Trends in Antibiotics: Research and Therapy - Proceedings of the International Symposium on New Trends in Antibiotics: Research and Therapy held in Milan, Italy, October 29-31, 1980</i> . G. Gialdroni Grassi and L.D. Sabath, eds.; Elsevier/North-Holland Biomedical Press, Amsterdam - New York - Oxford, pp. 3-55 (1981);
BB	E8	VAN DEN BOGERT, C. et al. "Doxycycline in Combination Chemotherapy of a Rat Leukemia" <i>Cancer Research</i> 48:6686-6690 (Dec. 1988).

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